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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number 10/549,948
Filing Date 09/20/2005
First Named Inventor WATCHORN, Michael J.
Art Unit 3672
Examiner Name SINGH, Sunil
Attorney Docket Number TEBL4

Sheet 1 of 12

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	us- 233,159	10/12/1880	Mooney	
	2	us- 259,685	06/20/1882	Haven et al.	
	3	us- 555,542	03/03/1896	Throop	
	4	us- 1,759,105	05/20/1930	Evans	
	5	us- 3,004,391	10/17/1961	Miller	
	6	us- 3,008,158	11/14/1961	Stinson	
	7	us- 3,216,639	11/09/1965	Castela	
	8	us- 3,372,849	03/12/1968	Hall et al.	
	9	us- 3,589,580	06/29/1971	Smulders	
	10	us- 3,638,288	02/01/1972	Pryor	
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	12	us- 3,716,994	02/20/1973	Pogonowski	
	13	us- 3,739,971	06/19/1973	Silvestri et al.	
	14	us- 3,747,354	07/24/1973	Macomber	
	15	us- 3,788,396	01/29/1974	Shatto, Jr. et al.	
	16	us- 4,073,155	02/14/1978	Schiemichen	
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	19	us-4,162,551	07/31/1979	Serrano	
	20	us-4,169,296	10/02/1979	Wipkink et al.	
	21	us-4,222,683	09/16/1980	Schaloske et al.	
	22	us-4,285,454	08/25/1981	Plumettaz	
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	24	us-4,333,196	06/08/1982	Bougaran	
	25	us-4,363,150	12/14/1982	Nilsson	
	26	us-4,366,591	01/04/1983	Zimmerman	
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	34	us-4,611,953	09/16/1986	Owens	
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		Number-Kind Code ² (if known)			
	37	us-4,789,271	12/06/1988	Sullaway et al.	
	38	us-4,869,615	09/26/1989	Galle	
	39	us-4,902,169	02/20/1990	Sutton	
	40	us-4,917,540	04/17/1990	Recalde	
	41	us-5,126,134	06/30/1992	Heim et al.	
	42	us-5,893,682	04/13/1999	Oliveri	
	43	us-2001/0040031	11/15/2001	Shaaban et al.	
	44	us-6,347,424	02/19/2002	Vatne	
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	49	us-6,435,795	08/20/2002	Brady	
	50	us-6,439,445	08/27/2002	De Groot et al.	
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	55	us- 6,739,430	05/25/2004	Hill	
	56	us- 6,923,140	08/02/2005	Cook	
	57	us- 2005/0286979	12/29/2005	Watchorn	
	58	us- 2005/0179019	08/18/2005	Ellingson	
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	60	us- 7,025,332	04/11/2006	Rincoe	
	61	us- 2006/0153644	07/13/2006	Grinsted	
	62	us- 2006/0208245	09/21/2006	Diehl	
	63	us- 7,178,708	02/20/2007	Grinsted	
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	69	us- 2009/0028647	01/29/2009	Bingham et al.	
	70	us- 1,378,948	05/24/1921	Hage	
	71	us- 2004/0045226	03/11/2004	Dehlsen et al.	
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	73	DE 597543	05/26/1934	Toussaint et al.		
	74	CH 241601	03/31/1946	Desmeules Freres		
	75	CH 363463	07/31/1962	Andersson		
	76	SU 610718 (plus Description of Invention)	06/15/1978	M.V. Frunze Rubber Technical Articles Factory (Ufa)		
	77	GB 2033463	05/21/1980	FMC Corporation		

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		Country Code ³ "Number" "Kind Code" (if known)				
	78	SU 757383	08/23/1980	Korobanov et al.		
	79	FR 2465640	03/27/1981	STE Generale de Remorquage et al.		
	80	GB 2086313	05/12/1982	Hauge		
	81	WO 85/01970	05/09/1985	Stellingsbygg A/S		
	82	GB 2158793	11/20/1985	Stellingsbygg A/S		

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Art Unit	3672
Examiner Name	SINGH, Sunil
Attorney Docket Number	TEBL4

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		Country Code ³ "Number" "Kind Code" ⁴ (if known)				
	83	GB 2175332	11/26/1986	Fenyvesi		
	84	GB 2175860	12/10/1986	Linkleters Patent Ship Fittings Co. Ltd.		
	85	FR 2586641	03/06/1987	Roume		
	86	EP 0255191	02/03/1988	Conoco Inc.		
	87	EP 0296272	12/28/1988	Diehl		

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	88	GB 2225753	06/13/1990	Offshore Design Engineering Ltd.		
	89	GB 2246992	02/19/1992	Cundall		
	90	EP 0524648	01/27/1993	Hydra-Rig, Inc.		
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	92	WO/97/29946	08/21/1997	Koppersnaes A.S.		

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	93	DE 19607972	01/15/1998	Gebr. Strab GmbH & Co.		
	94	WO 02/20343	03/14/2002	P & R Systems		
	95	WO 02/48547	06/20/2002	Mammoet Marine B.V.I.O.		
	96	NL 1019706	07/09/2003	Hooch Watersport V.o.f. te Hunsel		
	97	WO 03/66426	08/14/2003	MPU Enterprise AS		

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	98	WO 03/66427	08/14/2003	Fred. Olsen Renewables Ltd.		
	99	WO 04/38108	05/06/2004	The Engineering Business Ltd.		
	100	WO 04/40182	05/13/2004	The Engineering Business Ltd.		
	101	NL 1023142	10/13/2004	Ingenieursburo Praxis B.V. te Velselbroek		
	102	JP 2005069025 (plus Abstract)	03/17/2005	Mitsui Eng & Shipbuilding Co. Ltd.		

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	103	WO 05/47097	05/26/2005	The Engineering Business Ltd.		
	104	JP 2006037397(plus Abstract)	02/09/2006	Kinsho Bussan KK et al.		
	105	WO 06/76920	07/27/2006	A2Sea A/S		
	106	WO 06/87540	08/24/2006	The Engineering Business Ltd.		
	107	WO 07/15079	02/08/2007	The Engineering Business Ltd.		

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(Use as many sheets as necessary)

Complete if Known

Application Number	10/549,948
Filing Date	09/20/2005
First Named Inventor	WATCHORN, Michael J.
Art Unit	3672
Examiner Name	SINGH, Sunil
Attorney Docket Number	TEBL4

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	† ²
	109	Great Britain Search Report for Application No. GB 0224656.9 Dated November 22, 2002	
	110	Great Britain Search Report for Application No. GB 0225496.9 Dated April 28, 2003	
	111	International Search Report for PCT Application No. PCT/GB03/04529 Dated February 11, 2004	
	112	International Search Report for PCT Application No. PCT/GB03/04697 Dated April 22, 2004	
	113	Great Britain Search Report for Application No. GB 0403362.7 Dated June 29, 2004	
	114	International Search Report for PCT Application No. PCT/GB04/04716 Dated February 23, 2005	
	115	International Search Report for PCT Application No. PCT/GB05/03010 Dated November 22, 2005	
	116	International Search Report and Written Opinion for PCT Application No. PCT/GB06/00525 Dated May 19, 2006	
	117	International Search Report and Written Opinion for PCT Application No. PCT/GB06/02860 Dated October 26, 2006	
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